

## M12 female 0° A-cod. with cable shielded

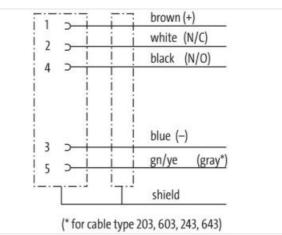
PVC 5x0.34 shielded gy 35m

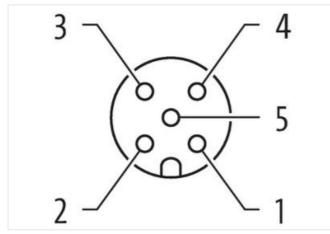
M12, 5-pole Female straight shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

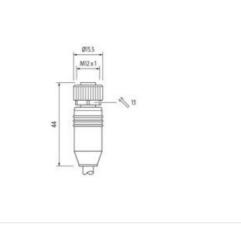
## Link to Product

Illustration









Product may differ from Image



Cable length

Side 1

35 m

Tightening torque

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-26

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0,6 Nm



Family construction form     M12       Theres on     M12 × 1       Chile coullel     singlel       Coding     A       Markail     PUR       Markail     PUR       Begree of protectors (EUE CO 0550)     PPS, IPSR, IPSR, IPS7       Side     Side       Conservation (EUE CO 0550)     20 mm       Maximing and (EUE CO 0550)     20 mm       Maximal (EUE CO 0550)     20 mm	Mounting method	inserted, screwed
Cable outer     straight       Conding     A       Maerial     PUR       Witch across flats     SW13       Dagree of protection (FNIE 6 50529)     IPR5, IPR6K, IPR7       Side 2     Stripping length (lackeft)     20 mm       Commercial length (lackeft)     20 mm     Commercial length (lackeft)     20 mm       Commercial length (lackeft)     27278218     Commercial length (lackeft)     27278218       ECLASS 5.0     27278218     CCLASS 5.0     27278218       ECLASS 5.0     27278218     CCLASS 5.0     27278218       ECLASS 5.0     27278218     CCLASS 5.0     272600311       ECLASS 5.0     272600311     CCLASS 5.0     272600311       ECLASS 5.1     27060311     CCLASS 5.0     CCLASS 5.0       ECLASS 5.0     27060311     CCLASS 5.0     CCLASS 5.0       ECLASS 5.0     ECOR0185     CCLASS 5.0     CCLASS 5.0       CCLASS 5.0     ECOR0185     CCLASS 5.0     CCLASS 5.0       CCLASS 5.0     ECOR0185     CCLASS 5.0     CCLASS 5.0       CCLASS 5.0     ECOR0185     E	Family construction form	M12
Cading     A       Material     PUB       Witch arcoss futs     SW13       Dargue of protection (EN IEC 6029)     IP65, IP67       Side 2        Side 3     2       Side 4     20 mn       Conneccial data        EQLASS 6.0     27279218       ECLASS 7.0     27090311       ECLASS 7.0     27090313       Carder data ISuppi     0       Orternation and A Crass.     60 V       Orterating vantage A Crass.     60 V <td>Thread</td> <td>M12 x 1</td>	Thread	M12 x 1
Material     PLF       Width across fats     SW13       Degree of protection (FLEC 90529)     IP65, IP6K/ IP67       Side 2     Side 2       Stripping light (jackel)     20 mm       Commercial data     2279218       ECLASS 6.0     2279218       ECLASS 7.0     2790311       ECLASS 7.0     27090311       ECLASS 7.0     EC001855       catoms tark number     8644200       GTIM     4048979073013       Packaging unit     1       Electrical data [Supply     0       Oparating voltage AC max.     60 V       Oparating voltage AC m	Cable outlet	straight
Width across flas     SW13       Degree of protection (EN IEC 60289)     IPS6, IP67       Side 2     Strepping longh (jackut)     20 mm       Commercial data     E       ECLASS 6.0     27270218       ECLASS 6.1     27270218       ECLASS 6.0     27090311       ECLASS 6.0     27090311       ECLASS 7.0     ECO1856       customs staff number     85444290       GTIN     4048797073013       Packaging unit     1       Electrical data I Suppy     Operating variage AC max.       Operating variage AC max.     60 V       Current operating proconata max.     4 A <td< td=""><td>Coding</td><td>A</td></td<>	Coding	A
Degree of protection (EN IEC 60529)     IP66, IP66K, IP67       Side 2	Material	PUR
Side 2       Strippin gength (acken)     20 mm       Commercial data     22729218       ECLASS 6.0     27279218       ECLASS 6.1     27279218       ECLASS 6.1     27279218       ECLASS 6.1     27279218       ECLASS 6.1     27279218       ECLASS 8.0     27279218       ECLASS 8.0     272700311       ECLASS 8.1     27060311       ECLASS 8.1.1     27060311       ECLASS 8.1.2     27060311       ECLASS 8.1.0     27060311       ECLASS 8.1.0     27060311       ECLASS 8.1.0     27060311       ECLASS 9.0     ECO01855       ouclons fauff number     8544230       GOTIN     4049879673013       Packaging unit     1       Electrical data 1 Suppin     2       Operating voltage AC max.     60 V       Corrent operating voltage AC	Width across flats	SW13
Stipping length (jackel)     20 mm       Connecial dats     E       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0.1     27060311       ECLASS-1.0     27060311       ECLASS-1.1     27060311       ECLASS-1.1     27060311       ECLASS-1.0     27060311       ECLASS-1.1     27060311       ECLASS-1.1     27060311       ECLASS-1.0     ECON1555       cautoms tariff number     8544230       cautoms tariff number     8544230       Carter of a stariff number     80 V       Corrent operating objec of max.     60 V       Corrent operating per contact max.     4 A       Installion (Connection     E       Stripping length (jackel)     20 mm       Mounting set     M12 x 1       Gender     Inselfed, screwed       Polizion protection legree     3       Ratet aurge output (EC 60664-1)     1       M	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data     ECLASS-6.0     27279218       ECLASS-6.1     27279218     ECLASS-7.0     27279218       ECLASS-7.0     27279218     ECLASS-7.0     27279218       ECLASS-8.0     27279218     ECLASS-8.0     2709011       ECLASS-8.0     2709011     ECLASS-8.0     ECLASS-8.0       ECLASS-1.1     27090311     ECLASS-1.0     ECLASS-1.0       ECLASS-1.2     27090311     ECLASS-1.0     ECO19655       oatstms taff number     ECAT4920     ECO19655     ECO19655       GTIM     404879672013     ECO19655     ECO19655       GTIM     404879672013     ECO19655     ECO19655       GTIM     404879672013     ECO19655     ECO19655       Gattom Endition Former     ECO19655     ECO19655     ECO19655       Operating voltage AC max.     60 V     CO2000000     ECO196000000     ECO196000000000000000000000000000000000000	Side 2	
ECLASS 6.0     27279218       ECLASS 6.1     27279218       ECLASS 7.0     27060311       ECLASS 7.0     27060311       ECLASS 7.0     27060311       ECLASS 7.0     27060311       ECLASS 7.0     EC01655       outsoms tarff number     85444290       GTIN     4048879673013       Packaging unit     1       Electrical data   Supply	Stripping length (jacket)	20 mm
ECLASS-6.1     27279218       ECLASS-7.0     27279218       ECLASS-6.0     27279218       ECLASS-9.0     27090311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27090311       ECLASS-12.0     27090311       ECLASS-13.0     EC001855       audoms tariff number     E5444230       GTIN     404879673013       Packaging unit     1       Edecrical data   Suppy	Commercial data	
EOLASS-7.0     27279218       EOLASS-8.0     27279218       EOLASS-8.0     27279218       EOLASS-8.0     27279218       EOLASS-8.0     27060311       EOLASS-9.0     27060311       EOLASS-10.1     27060311       EOLASS-12.0     27060311       EOLASS-12.0     27060311       ETM-5.0     EC001955       oustoms striff number     6544290       GTIN     404879673013       Packaging unit     1       Electrical data [Supply	ECLASS-6.0	27279218
ECLASS-8.0     27278218       ECLASS-9.0     27060311       ECLASS-9.0     27060311       ECLASS-1.1     27060311       ECLASS-1.2.0     27060311       ECLASS-1.3     27060311       ECLASS-1.4     27060311       ECLASS-1.2.0     27061655       customs tariff number     85444290       GTIN     404879673013       Packaging unit     1       Electrical dia [Supply        Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Current operating per contact max.     4 A       Installation [Connection        Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Gender     female       Device protection [Electrical       Additional condition protection degree     inserted, screwed       Pollution pergere     3       Readed surge voltage     1.5 kV       Macharial group (EC 60664-1)     1       Mechanical data     Without       Mechanical data [Material data     Inc die-casting <td>ECLASS-6.1</td> <td>27279218</td>	ECLASS-6.1	27279218
ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     EC001855       ustoms taff number     8544280       GTIN     4048379673013       Packaging unit     1       Electrical data [Supply     Operating voltage AC max.       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Current operating per contact max.     4 A       Installation   Connection     Image: Demax.       Stripping length (gacket)     20 mm       Mounting set     M12 x 1       Gender     female       Device protection   Electrical     Image: Demax.       Additional condition protection degree     inserted. screwed       Pollution Degree     3       Read surge voltage     1.5 kV       Material group (IEC 60664-1)     1       Mechanical data     Imotel       Contou ro	ECLASS-7.0	27279218
ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879673013       Packaging unit     1       Electrical data   Supply	ECLASS-8.0	27279218
ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     EC001855       cations tariff number     85444290       GTIN     4048679673013       Packaging unit     1       Electrical data [Supply     Coperating voltage AC max.       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Current operating per contact max.     4 A       Installation   Connection     Stipping length (acket)       Stipping length (acket)     20 mm       Mounting set     M12 x 1       Gender     female       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     1.5 kV       Material group (tEc 60664-1)     1       Mechanical data     Contour for corrugated hose       Contour for corrugated hose     without       Mechanical data     Zine die-casting       Coating of fitting     rickel plated       Coating of fitting     rickel plated       Coating of fitting     Casting       Material screw connection     Zin c die-c	ECLASS-9.0	27060311
ECLASS-12.0     27080311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879673013       Packaging unit     1       Electrical data   Supply     Coperating voltage AC max.       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Corrent operating per contact max.     4 A       Installation   Connection     Corrent operating per contact max.       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Gender     female       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data     Contur for corrugated hose       Contur for corrugated hose     without       Mechanical data   Material data     Conture corrugated hose       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material	ECLASS-10.1	27060311
ECLASS-12.0     27080311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879673013       Packaging unit     1       Electrical data   Supply     Coperating voltage AC max.       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Corrent operating per contact max.     4 A       Installation   Connection     Corrent operating per contact max.       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Gender     female       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data     Contur for corrugated hose       Contur for corrugated hose     without       Mechanical data   Material data     Conture corrugated hose       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material		
ETIM-5.0   EC001865     customs tariff number   85444290     GTIN   4048879673013     Packaging unit   1     Electrical data   Supply      Operating voltage AC max.   60 V     Operating voltage AC max.   60 V     Current operating per contact max.   4 A     Installation   Connection      Stripping length (jacket)   20 mm     Mounting set   M12 x 1     Gender   female     Device protection   Electrical     Additional condition protection degree   inserted, screwed     Polition Degree   3     Rated surge voltage   1,5 kV     Material group (JEC 60664-1)   1     Mechanical data   Kickeld     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection learnee   Locking material     Device protection   Electrical   Enconection     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connec		
GTIN 4048879673013   Packaging unit 1   Electrical data   Supply   Operating voltage AC max. 60 V   Operating voltage DC max. 60 V   Current operating per contact max. 4 A   Installation   Connection 50 V   Stripping length (jacket) 20 mm   Mounting set M12 x 1   Gender female   Device protection   Electrical   Additional condition protection degree inserted, screwed   Poliution Degree 3   Rated surge voltage 1,5 kV   Material group (IEC 60664-1) 1   Mechanical data Electrical   Contour for corrugated hose without   Mechanical data Zinc die-casting   Coating of fiting nickel plated   Locking material Zinc die-casting   Material screw connection Zinc die-casting	ETIM-5.0	EC001855
Packaging unit   1     Electrical data   Supply   60 V     Operating voltage AC max.   60 V     Current operating per contact max.   4 A     Installation   Connection   Installation   Connection     Stripping length (jacket)   20 mm     Mounting set   M12 x 1     Gender   female     Device protection   Electrical     Additional condition protection degree   inserted, screwed     Poliution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Image: Connection     Contour for corrugated hose   without     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Material fata   Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Coating locking     Material actal   Mounting method   inserted, screwed, Shaking protection     Methanical data   Mounting data   Coac	customs tariff number	85444290
Electrical data   Supply     Operating voltage AC max.   60 V     Operating voltage AC max.   60 V     Current operating per contact max.   4 A     Installation   Connection   Installation   Connection     Stripping length (jacket)   20 mm     Mounting set   M12 x 1     Gender   female     Device protection   Electrical   Inserted, screwed     Additional condition protection degree   inserted, screwed     Polution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechanical data   U     Contor for corrugated hose   without     Mechanical data   U     Coating locking   Nickeled     Coating locking   Nickeled     Coating locking   Xickeled screwed, Shaking protection     Material screw connection   inserted, screwed, Shaking protection     Munting method   inserted, screwed, Shaking protection     Portang temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature max.   85 °C	GTIN	4048879673013
Electrical data   Supply     Operating voltage AC max.   60 V     Operating voltage AC max.   60 V     Current operating per contact max.   4 A     Installation   Connection   Installation   Connection     Stripping length (jacket)   20 mm     Mounting set   M12 x 1     Gender   female     Device protection   Electrical   Inserted, screwed     Additional condition protection degree   inserted, screwed     Polution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechanical data   U     Contor for corrugated hose   without     Mechanical data   U     Coating locking   Nickeled     Coating locking   Nickeled     Coating locking   Xickeled screwed, Shaking protection     Material screw connection   inserted, screwed, Shaking protection     Munting method   inserted, screwed, Shaking protection     Portang temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature max.   85 °C	Packaging unit	
Operating voltage AC max.     60 V       Operating voltage DC max.     60 V       Current operating per contact max.     4 A       Installation   Connection     Installation   Connection       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Gender     female       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data     Contour for corrugated hose       Contour for corrugated hose     without       Mechanical data     Zinc die-casting       Material group (IEC 60664-1)     I       Mechanical data     Inselfed       Contour for corrugated hose     without       Mechanical data     Coating of fitting       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mount		
Operating voltage DC max.   60 V     Current operating per contact max.   4 A     Installation   Connection   Stripping length (jacket)   20 mm     Mounting set   M12 x 1     Gender   female     Device protection   Electrical     Additional condition protection degree   3     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Control for corrugated hose     Coating locking   Nickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Co     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		60 V
Current operating per contact max.   4 A     Installation   Connection     Stripping length (jacket)   20 mm     Mounting set   M12 x 1     Gender   female     Device protection   Electrical     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechanical data      Contour for corrugated hose   without     Mechanical data      Coating of fitting   nickel plated     Locking   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Cimatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additiona condition temperature range   depending on cable quality		
Installation   Connection       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Gender     female       Device protection   Electrical     Immediate       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data     Immediate       Contour for corrugated hose     without       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Coating locking     Xinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Isserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Co       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality		
Stripping length (jacket)   20 mm     Mounting set   M12 x 1     Gender   female     Device protection   Electrical   Inserted, screwed     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechanical data   V     Contour for corrugated hose   without     Mechanical data   Material data   Coating of fitting     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		
Mounting set   M12 x 1     Gender   female     Device protection   Electrical     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Image: Contour for corrugated hose     Contour for corrugated hose   without     Mechanical data   Material data   Image: Contour for corrugated hose     Coating locking   Nickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	· · · ·	20 mm
Gender   female     Device protection   Electrical   Additional condition protection degree   inserted, screwed     Pollution Degree   3   Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I   Image: Strewed   Image: Strewed     Mechanical data   Image: Strewed   Imag		
Device protection   Electrical     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   I     Contour for corrugated hose   without     Mechanical data   Material data   Vithout     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		
Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechanical data   I     Contour for corrugated hose   without     Mechanical data   I     Contour for corrugated hose   without     Mechanical data   Material data   I     Coating locking   Nickeled     Coating of fiting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Co     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		
Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   ithout     Contour for corrugated hose   without     Mechanical data   Material data   ithout     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Imserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		
Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Contour for corrugated hose   without     Mechanical data   Material data   Mechanical data   Material data   Coating locking   Nickeled     Coating locking   Nickel plated   Coating of fitting   nickel plated     Locking material   Zinc die-casting   Mechanical data   Mounting data     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.   -25 °C     Operating temperature max.   85 °C   Additional condition temperature range   depending on cable quality		
Material group (IEC 60664-1)   I     Mechanical data   Vithout     Contour for corrugated hose   without     Mechanical data   Material data   Vickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		
Mechanical data   without     Contour for corrugated hose   without     Mechanical data   Material data   Nickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		1,5 kV
Contour for corrugated hosewithoutMechanical data   Material dataCoating lockingNickeledCoating of fittingnickel platedLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting dataInserted, screwed, Shaking protectionEnvironmental characteristics   Climatic-25 °COperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable quality	Material group (IEC 60664-1)	
Mechanical data   Material data     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Mechanical data	
Coating lockingNickeledCoating of fittingnickel platedLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting dataInserted, screwed, Shaking protectionMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   Climatic-25 °COperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable quality	Contour for corrugated hose	without
Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     Additional condition temperature range   depending on cable quality	Mechanical data   Material data	
Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     85 °C   Additional condition temperature range     depending on cable quality   Inserted, guality	Coating locking	Nickeled
Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Coating of fitting	nickel plated
Mechanical data   Mounting data     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		Zinc die-casting
Mounting method inserted, screwed, Shaking protection   Environmental characteristics   Climatic   Operating temperature min. -25 °C   Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Mechanical data   Mounting data	
Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality	Environmental characteristics   Climatic	
Additional condition temperature range depending on cable quality	Operating temperature min.	-25 °C
	Operating temperature max.	85 °C
Conformity	Additional condition temperature range	depending on cable quality
	Conformity	

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Product standard

DIN EN 61076-2-101 (M12)

Installation   Cable	
Cable identification	348
Jacket Color	gray
Amount stranding	1
Stranding	5 wires around Core filler twisted
Stranding factor min.	75 mm
Stranding factor max.	75 mm
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Foil
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Cable weigth	72,05 g/m
Material jacket	PVC
Shore hardness jacket	75 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	85 Shore A
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	500 V
AC withstand voltage power (wire - shield)	1,5 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage power (wire - wire)	1,5 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (dynamic)	15 x Outer diameter

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